

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L2    | 24   | ((force same deflection) same elasticity) near20 (axial or radial)  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR               | OFF     | 2006/04/14<br>14:10 |
| L3    | 121  | ((force and deflection) and elasticity) near20 (axial or radial)  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR               | OFF     | 2006/04/14<br>14:10 |
| L4    | 97   | 3 not 2   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR               | OFF     | 2006/04/14<br>14:10 |
| S1    | 24   | ("20040163457" "3822588" "4535950" "4676094" "4864851" "5282382" "5297062" "5308010" "5402673" "5535627" "6036137" "6517679").<br>PN. | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR               | OFF     | 2006/04/13<br>09:40 |
| S2    | 1320 | (73/159).CCLS.  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR               | OFF     | 2006/04/12<br>10:21 |
| S3    | 167  | (73/862.451).CCLS.  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR               | OFF     | 2006/04/11<br>17:52 |

## EAST Search History

|     |    |  |  |    |     |                     |
|-----|----|--|--|----|-----|---------------------|
| S5  | 5  | ("3718037").PN.  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/11<br>16:37 |
| S7  | 65 | (S2 or S3) and (elasticity)  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/11<br>17:57 |
| S11 | 4  | ((((radi\$2 near5 elastic\$4)<br>near15 (force or deflection))<br>near10 (reel or wind))<br>near10 (measur\$6)) and<br>(web) | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>10:34 |
| S12 | 4  | ((((radi\$2 near5 elastic\$4)<br>near15 (force or deflection))<br>near10 (reel or wind))<br>near10 (measur\$6))              | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>10:34 |
| S13 | 4  | ((((radi\$2 near10 elastic\$4)<br>near20 (force or deflection))<br>near20 (reel or wind))<br>near20 (measur\$6))             | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>10:35 |
| S14 | 33 | ((((elastic\$4) near20 (force<br>or deflection)) near20 (reel<br>or wind)) near20<br>(measur\$6))                            | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>10:37 |

## EAST Search History

|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
| S15 | 2986 | ((elastic\$4) near15 (force or deflection)) near15 (measur\$6))              | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/14<br>14:07 |
| S16 | 1509 | ((elastic\$4) near5 (force or deflection)) near10 (measur\$6))               | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>10:39 |
| S17 | 128  | ((modulus near5 elastic\$4) near5 (force or deflection)) near10 (measur\$6)) | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>10:39 |
| S18 | 122  | S17 not S14  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>11:02 |
| S19 | 2    | ("6517679").PN.  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/12<br>15:36 |
| S20 | 19   | ("3018659" "3126579" "3136<br>158" "5308010" "6363297" "<br>6517679").PN.    | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>17:53 |

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|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
| S21 | 1767 | radial same modulus same elasticity  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:41 |
| S22 | 236  | S21 and (paper or web)   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:41 |
| S23 | 65   | S21 same (paper or web)  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:41 |
| S25 | 26   | elasticity and (paper or web)<br>and (reel with deflection)                            | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:42 |
| S26 | 260  | (reel same elasticity) and<br>(paper or web)   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:43 |
| S28 | 7    | "73"/\$.ccls. and (reel same<br>((module or modulus) near<br>(elastic or elasticity))) | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:44 |

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|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
| S29 | 30   | "73"/\$.ccls. and (roll same ((module or modulus) near (elastic or elasticity))) | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:45 |
| S30 | 519  | S22 or S23 or S25 or S26 or S28 or S29   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>15:57 |
| S31 | 453  | ("0242563").PN. or (242/534).CCLS.   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>09:56 |
| S32 | 1096 | ((73/81) or (73/83)).CCLS.   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>16:25 |
| S33 | 2    | ("5402673").PN.  | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>17:08 |
| S35 | 0    | (WO-199950719-\$).did.   | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>17:54 |

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|     |   |                      |  |    |     |                     |
|-----|---|----------------------|--|----|-----|---------------------|
| S36 | 2 | (WO-9950719-\$).did. | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>17:58 |
| S37 | 2 | (WO-9944058-\$).did. | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>18:00 |
| S41 | 5 | ("3718037").PN.      | US-PGPU<br>B; USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | OFF | 2006/04/13<br>18:00 |